

Power Cost Memorandum Fuel Cost Update

Date: April 1, 2021

Utility Name (Cert. No.) (363) City of Tenakee Springs d/b/a	Utility File No. PC20-0916R	Date Filed: March 2, 2021
Tenakee Springs Electric Utility Department		

PCE AMOUNT SUMMARY	Previously Calculated PC20-0916Q	Staff Recommended Amount(s) and Effective Date PC20-0916R
Class Rate	<u>Date Approved:</u> September 18, 2020	April 2, 2021
ALL	\$0.2648	\$0.2860
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 2.8100</u> <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	New Fuel Purchase Price: <u>\$ 3.0500</u> <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____ Surcharge Change: Previous <u>0</u> Updated <u>0</u>	

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/1/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RnP</i>		
Kurber		<i>KKT</i>		
Scott		<i>AGS</i> <small>AGS</small>		
Sullivan		<i>DS</i> <small>DS</small>		
Wilson		<i>JWW</i> <small>JWW</small>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

City of Tonawee Springs d/b/a Tonawee Springs Electric Utility Department
POWER COST EQUALIZATION CALCULATION
BASED ON YEAR ENDING JUNE 30, 2016
Fuel Cost Update

APPENDIX 1

	PC20-0916Q	PC20-0916R	
	Prior Staff Calculated	Utility Request	Staff Recommended
A. Total kWh Generated	411,650	411,650	411,650
B. Total kWh Sold (Appendix 2)	349,582	349,582	349,582
C. Total Non-Fuel Costs (Appendix 2)	78,555	78,555	78,555
D. Non-Fuel Cost/kWh (C / B)	\$0.2247	\$0.2247	\$0.2247
E. Total Fuel Costs (Appendix 2)	91,007	98,780	98,780
F. Fuel Costs/kWh (E / B)	\$0.2603	\$0.2826	\$0.2826
G. Eligible Costs/kWh (D + F)	\$0.4850	\$0.5073	\$0.5073
H. Eligible Cost/kWh (G) less base rate in effect	\$0.2787	\$0.3010	\$0.3010
I. Lesser of (H) or 79.37 cents/kWh	\$0.2787	\$0.3010	\$0.3010
J. Average Class Rates (Appendix 3)			
ALL	\$0.3437	\$0.3437	\$0.3437
Class Power Cost Equalization Per KWh Payable			
K. Lesser of: (I) x 95% or (J)			
ALL	\$0.2648	\$0.2860	\$0.2860
L. Funding Level in Effect	100%	100%	100%
ALL	\$0.2648	\$0.2860	\$0.2860

PC20-0916R
Appendix 1

City of Tonakee Springs d/b/a Tonakee Springs Electric Utility Department
SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON YEAR ENDING JUNE 30, 2016
Fuel Cost Update

APPENDIX 2


		PC20-0916Q	PC20-0916R	
		Prior Commission Approved	Per Utility	Staff Recommended
Non-Fuel Costs:				
A. Personnel Expense		46,788	46,788	46,788
B. Operating Expense		9,559	9,559	9,559
C. General & Administrative		16,054	16,054	16,054
D. Depreciation Expense		6,734	6,734	6,734
E. Other Income :Pole Rental		(580)	(580)	(580)
F. Total Non-Fuel Costs		78,555	78,555	78,555
Fuel Costs:				
G. Gallons Consumed for Electric Generation		32,387	32,387	32,387
H. Most Recent Price	\$3.0500	2.8100	3.0500	3.0500
I. Date Purchased	2/28/2021			
J. Total Fuel Costs		91,007	98,780	98,780
K. kWh Generated		411,650	411,650	411,650
L. kWh Sales		349,582	349,582	349,582
M. kWh Station Service		12,670	12,670	12,670
N. Efficiency (K /G)	\geq	12.71	12.71	12.71
(kWhs sold per gallons consumed)				
O. Line Loss	\leq	12.00%	12.00%	12.00%
(kWh generated -(kWh sold + Station Service)/kWh generated				

Signature: 
Email: bob.pickett@alaska.gov

PC20-0916R
Appendix 2

Signature: 
Keith Kurber II (Apr 1, 2021 07:49 AKDT)
Email: keith.kurber@alaska.gov

Signature: 
Antony Scott (Apr 1, 2021 09:24 AKDT)
Email: antony.scott@alaska.gov

Signature: 
Janis W. Wilson (Apr 1, 2021 12:03 AKDT)
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Signature: 
Daniel Sullivan (Apr 1, 2021 09:54 AKDT)
Email: daniel.sullivan@alaska.gov

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.5500	0.0000	0.5500	275.0000		
to						
to						
to						
Max 500			Total	275.0000	0.5500	0.3437

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			